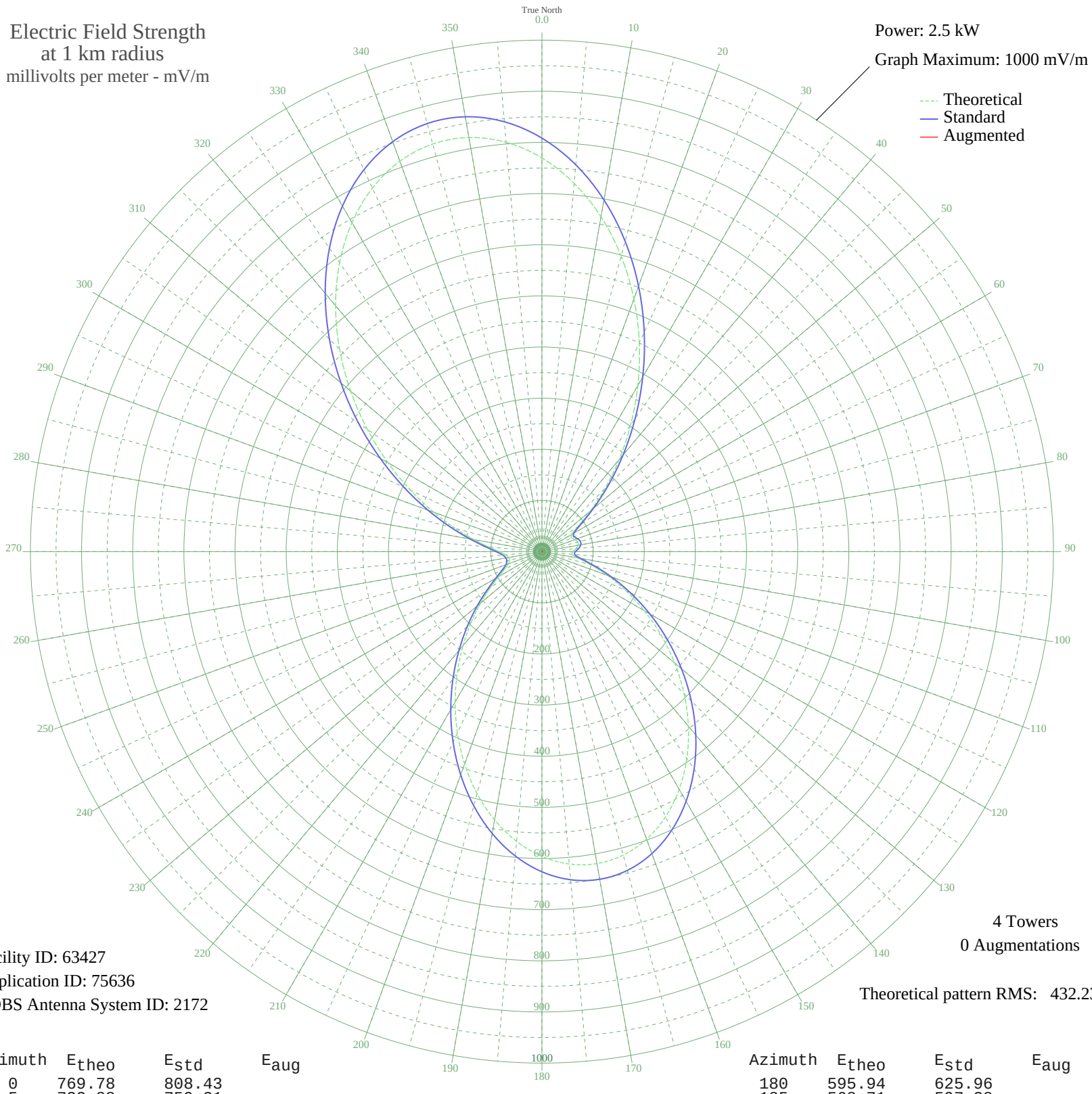
WOGO HALLIE, WI BL-19850124AA 680 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 63427
Application ID: 75636
CDBS Antenna System ID: 2172

Theoretical pattern RMS: 432.23

Azimuth	E_{theo}	E_{std}	E_{aug}
0	769.78	808.43	
5	722.88	759.21	
10	664.82	698.26	
15	598.15	628.28	
20	525.70	552.24	
25	450.36	473.17	
30	374.97	394.07	
35	302.19	317.73	
40	234.48	246.77	
45	174.19	183.65	
50	123.81	131.06	
55	86.69	92.53	
60	66.92	72.20	
65	63.97	69.19	
70	68.61	73.93	
75	72.35	77.76	
80	71.76	77.16	
85	66.80	72.07	
90	60.28	65.43	
95	59.10	64.24	
100	71.58	76.97	
105	98.78	105.04	
110	136.56	144.35	
115	181.49	191.28	
120	231.31	243.44	
125	284.27	298.94	
130	338.73	356.05	
135	392.99	412.98	
140	445.29	467.85	
145	493.77	518.72	
150	536.57	563.64	
155	571.91	600.73	
160	598.22	628.35	
165	614.29	645.22	
170	619.33	650.51	
175	613.11	643.98	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	595.94	625.96	
185	568.71	597.38	
190	532.78	559.66	
195	489.87	514.63	
200	441.94	464.34	
205	391.05	410.94	
210	339.20	356.55	
215	288.27	303.14	
220	239.91	252.45	
225	195.56	206.01	
230	156.45	165.11	
235	123.64	130.88	
240	98.04	104.28	
245	80.19	85.82	
250	69.80	75.15	
255	65.59	70.84	
260	66.21	71.47	
265	71.68	77.08	
270	83.74	89.48	
275	104.48	110.95	
280	135.05	142.77	
285	175.51	185.03	
290	225.19	237.03	
295	282.99	297.60	
300	347.42	365.17	
305	416.56	437.70	
310	488.11	512.78	
315	559.41	587.61	
320	627.58	659.17	
325	689.64	724.32	
330	742.74	780.06	
335	784.30	823.68	
340	812.22	852.99	
345	825.05	866.46	
350	822.07	863.33	
355	803.36	843.69	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission